

Attorney's Docket No.: 15578-010001

2151
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Orbannes et al.

Art Unit : 2151

Serial No. : 09/782,939

Examiner : Unknown

Filed : February 14, 2001

Title : METHOD AND VIEWING INFORMATION IN VIRTUAL SPACE

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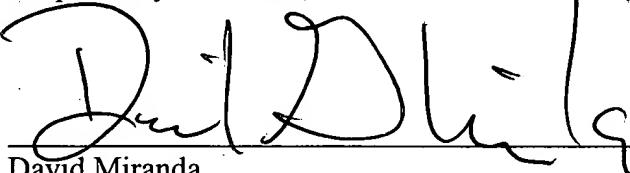
INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Date: 8/25/03

Respectfully submitted,



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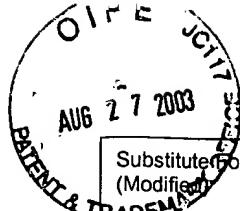
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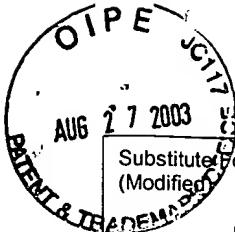


Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15578-010001	Application No. 09/782,939
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Orbanes et al.		
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,513,035	1/28/2003	Tanaka et al.			
	AB	6,505,202	1/7/2003	Mosquera et al.			RECEIVED
	AC	6,449,639	9/10/2002	Blumberg			AUG 28 2003
	AD	6,434,564	8/1/2002	Ebert			
	AE	6,411,960	6/25/2002	Fisher			Technology Center 2100
	AF	6,298,354	9/1/2001	Aggarwal et al.			
	AG	6,259,451	7/1/2001	Tesler			
	AH	6,192,393	2/20/2001	Tarantino et al.			
	AI	6,133,914	10/17/2000	Rogers et al.			
	AJ	6,122,634	9/19/2000	Brodsky			
	AK	6,061,061	5/9/2000	Conrad et al.			
	AL	6,052,110	4/18/2000	Sciammarella et al.			
	AM	6,043,817	3/28/2000	Bolnick et al.			
	AN	6,040,832	3/21/2000	Poreh et al.			
	AO	6,037,944	3/14/2000	Hugh			
	AP	6,037,939	3/14/2000	Kashiwagi et al.			
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	AR	6,031,537	2/29/2000	Hugh			
	AS	6,025,844	2/15/2000	Parsons			
	AT	5,999,177	12/7/1999	Martinez			
	AU	5,991,776	11/23/1999	Bennett et al.			
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	AW	5,912,668	6/15/1999	Sciammarella et al.			
	AX	5,903,269	5/11/1999	Poreh et al.			
	AY	5,889,951	3/30/1999	Lombardi et al.			
	AZ	5,889,518	3/30/1999	Poreh et al.			
	AAA	5,838,326	11/17/1998	Card et al.			

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

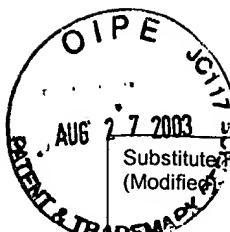


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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	5,825,998	10/20/1998	Brechner			
	ACC	5,716,546	6/1/1998	Ben-Sachar			
	ADD	5,684,969	11/4/1997	Ishida			
	AEE	5,623,589	4/22/1997	Needham et al.			RECEIVED
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	AGG	5,615,384	3/25/1997	Allard			Technology Center 2100
	AHH	5,555,354	9/1/1996	Strasnick et al.			
	AII	5,341,466	8/23/1994	Perlin et al.			
	AJJ	5,321,800	6/14/1994	Lesser			
	AKK	5,262,761	11/16/1993	Scandura et al.			
	ALL	5,073,771	12/17/1991	Satta et al.			
	AMM	US 2002 0080177 A1	6/27/2002	Orbanes et al.			
	ANN	US 2002 0085035 A1	7/4/2002	Orbanes et al.			
	AOO	US 2002 0105537 A1	8/8/2002	Orbanes et al.			
	APP	US 2002 0069215 A1	6/6/2002	Orbanes et al.			
	AQQ	US 2002 0089550 A1	7/11/2002	Orbanes et al.			
	ARR	US 2002 0075331 A1	6/20/2002	Orbanes et al.			
	ASS	US 2002 0083034 A1	6/27/2002	Orbanes et al.			
	ATT	US 2002 0109680 A1	8/15/2002	Orbanes et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AUU	00/57257	9/28/2000	WO			
	AVV	11065430A2	3/5/1999	JP			

Other Documents (include Author, Title, Date, and Place of Publication)	
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	AWW	Ahmed et al., "Spatial Similarity-based Retrievals and Image Indexing by Hierarchical Decomposition", 25-27 August 1997, Proceedings of the 1997 IEEE Database Engineering and Applications Symposium, pages 269-278.		
	AXX	Baig, Edward C. "Touchy mice are ready to rumble," USA Today, Nov. 15, 2000, p. 3D.		
	AYY	Bederson, Benjamin B. et al. "A Zooming Web Browser," 1996 IS&T/SPIE electronic Imaging Science and Technology Symposium-Final Program and Abstracts of Papers, Jan. 27-Feb. 2, 1996.		
	AZZ	Del Bimbo et al., "Shape indexing by Structural Properties", 3-6 June 1997, Proceedings of the 1997 IEEE Multimedia Computing and Systems Conference, pages 370-378.		
	AAAA	Holmquist, Lars Eric, "Focus+Context Visualization with Flip Zooming and the Zoom Browser Conference on Human Factors in Computing Systems, Mar. 22-27, 1997.		
	ABBB	Robertson, George G. et al. "Information Visualization Using 3D Interactive Animation," Communications of the ACM, April 1993, Vol. 36, No. 4, pgs. 57-71.		
	ACCC	Smith, Gareth "Cooperative Virtual Environments: lessons from 2D multi user interfaces," Computer Supported Cooperative Work '96, Nov. 16, 1996, pgs. 390-398.		
	ADDD	Smith et al., "Visualseek: A fully Automated Content-based Image Query System", 1996, Proceedings of the 1996 ACM Multimedia Conference, pages 87-98.		
	AEEE	Web site www.cs.umd.edu/hcil/jazz		
	AFFF	Web site www.cs.emd.edu/hcil/pad++		RECEIVED
	AGGG	Web site www8.techmall.com/techdocs/NP970918-5.html		AUG 28 2003
	AHHH	Web site www.vios.com/about/overview/html		Technology Center 2100
	AIII	Web site www.webbrain.com/about.html		
	AJJJ	Bo Tao; Dickinson, B. "Template-based image retrieval: Image Processing, 1996. Proceedings, International Conference on, Volume 3, 16-19 Sept 1996; Pages 871-874 vol. 3 copyright IEEE 0-7803-3258-X/96		
	AKKK	Gavrilia, D.M. "Multi-feature hierarchical template matching using distance transforms" Pattern Recognition, 1998. Proceedings. Fourteen International Conference on , volume 1, 16-20 Aug 1998.		

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